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TI Transgenic plants with improved disease and stress resistance  
incorporating genes of *Zostera marina*

IN Alberte, Randall S.; Smith, Robert D.

PA Phycogen, Inc., USA

SO PCT Int. Appl., 117 pp.

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2001085971 A2 20011115 WO 2001-US15412 20010510

TI Phenolic acid sulfate esters for prevention of marine biofouling.

IN Zimmerman, Richard C.; Alberte, Randall S.; Todd, James S.;  
Crews, Phillip

PA USA

SO U.S., 9 pp.

PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 5384176 A 19950124 US 1992-989274 19921211

TI Protein and cDNA sequences of a *Schizochytrium aggregatum* polyketide-like  
synthase (PKS-like) gene and use

IN Facciotti, Daniel; Metz, James George; Lassner, Michael

PA USA

SO U.S., 261 pp., Cont.-in-part of U.S. 6,140,486.

PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 6566583 B1 20030520 US 1999-231899 19990114

TI *Chlamydomonas* salt-stress tolerance protein cDNA

IN Miyasaka, Hitoshi; Tanaka, Satoshi; Ikeda, Kazunobu

PA Kansai Electric Power Co., Japan

SO Jpn. Kokai Tokkyo Koho, 10 pp.

PATENT NO. KIND DATE APPLICATION NO. DATE

PI JP 2003061660 A2 20030304 JP 2001-252402 20010823

TI Cadmium tolerance gene from the halotolerant green alga  
*Chlamydomonas*

IN Miyasaka, Hitoshi

PA Kansai Electric Power Co., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

PATENT NO. KIND DATE APPLICATION NO. DATE

PI JP 2001103976 A2 20010417 JP 1999-289784 19991012

PRAI JP 1999-289784 19991012

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AN 2000:756453 CAPLUS

DN 133:291955

TI Agrobacterium-mediated genetic transformation of multicellular  
marine algae, resultant strains and their products

IN Cheney, Donald P.

PA Northeastern University, USA

SO PCT Int. Appl., 40 pp.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI | WO 2000062601 | A1 | 20001026 | WO 2000-US10103 20000414 |
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TI Schizochytrium polyketide synthase genes and transgenic plants  
for polyunsaturated long chain fatty acid production

IN Facciotti, Daniel; Metz, James George; Lassner, Michael

PA Calgene, LLC, USA

SO PCT Int. Appl., 303 pp.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI | WO 2000042195 | A2 | 20000720 | WO 2000-US956 20000114 |
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TI Polyketide synthesis genes of marine microbes and production of  
polyunsaturated fatty acids and PUFA-containing plant oils with  
transgenic plants

IN Facciotti, Daniel; Metz, James George; Lassner, Michael

PA Calgene, LLC, USA

SO PCT Int. Appl., 153 pp.

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| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI | WO 9855625 | A1 | 19981210 | WO 1998-US11639 19980604 |
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TI Seaweed improved strains and phycocolloids production using genetic  
engineering involving spore-protoplast fusion, transgenosis, and  
heterokaryon growth to multicellular plant

IN Cheney, Donald P.; Duke, Clifford

PA Northeastern University, USA

SO PCT Int. Appl., 38 pp.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI | WO 9621002 | A1 | 19960711 | WO 1995-US54 19950104 |
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TI Plant genes encoding N-hydroxyarylamine sulfotransferases and  
sulfite oxidases

IN Cahoon, Rebecca E.; Falco, Saverio Carl; Rafalski, J. Antoni

PA E.I. Du Pont De Nemours and Company, USA

SO PCT Int. Appl., 44 pp.

PATENT NO.    KIND    DATE                    APPLICATION NO.    DATE  
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PI   WO 2000006749    A2   20000210                    WO 1999-US16921    19990727

TI   Nonsymbiotic plant hemoglobins to maintain cell energy status in  
transgenic systems

IN   Guy, Phillip; Duff, Stephen; Xianzhou, Nie; Hill, Robert; Durnin, Douglas;  
Sowa, Aleksander

PA   University of Manitoba, Can.

SO   PCT Int. Appl., 44 pp.

PATENT NO.    KIND    DATE                    APPLICATION NO.    DATE  
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PI   WO 2000000597    A2   20000106                    WO 1999-CA587    19990624